

**SECRET**

DFD-6199-59

29 September 1959

MEMORANDUM FOR: Acting Chief, DFD-DD/P

SUBJECT : Malfunction Report, Period Ending 31 August 1959

1. The following malfunction information is presented for the period ending 31 August 1959:

I. Communications

A. Detachment "B"

1. Three capacitor motor failures in the three channel recorder.
2. Three instances of minor troubles on the Rambo dual channel amplifiers which were cured by component replacement or adjustment.
3. Two instances of low sensitivity on the MRB preamplifiers which required tube replacement and re-adjustment.
4. System VII suffered from one burn out of an Apex electronics power supply and one failure of a blower motor.
5. Two minor failures in System IV which were repaired.

B. Detachment "C"

1. Mission 6035 - 30 August - (1) Fuse blew in "S" band power supply of System I due to failure of CR-1501 rectifier. Replaced CR 1501.  
(2) Failure of 3rd L.O. board of System III receiver. Replaced defective component.
2. Failure of on ARC - 34 receiver. Unit replaced.

II. Photographic Equipment

- A. During the period 1 August 1959 through 31 August 1959, there were a total of twenty-five (25) missions reported flown using photographic equipment. Equipments malfunctioned on six (6) of these missions giving an overall effectiveness of 76%.


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## II. Photographic Equipment (Cont'd)

### B. Equipment reliability for the above referenced period was:

	<u>A-1 Conf.</u>	<u>A-2 Conf.</u>	<u>B Conf.</u>	<u>Trackers</u>
Missions flown	0	4	8	25
Malfunctions	0	0	2	4
Per Cent Eff.	0	100%	75%	84%

- C. Trackers five and ten have completed overhaul and are on their way back to the detachments and indications are that all trackers will require M & D overhaul. Present planning is to pull two trackers from Detachment B, leaving then five trackers for operation. Upon completion of overhaul, one tracker will be sent to each detachment with provision for each detachment to return another for overhaul. This will also insure each detachment having five trackers in place at all times.

  
 Deputy Chief, Materiel Branch  
 DPD-DD/P

MB/DPD-DD/P:TAD:mas  
 Dist: 0 - A/CE/DPD  
       1 - DD/P  
       1 - QPS/DPD  
       1 - MAT/DPD  
       1 - RI/DPD

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